GOVERNMENT OF INDIA
SCIENCE AND TECHNOLOGY
LOK SABHA

UNSTARRED QUESTION NO:2512
ANSWERED ON:19.03.2002
KOINA DAM IN MAHARASHTRA
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Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

(a) whether it is a fact that Koina Dam in Maharashtra fall within the earthquake prone site during the next 30 to 40 years;

(b) if so, whether the dam is likely to withstand the earthquakes; and

(c) the steps proposed to be taken by the Government in this regard?

Answer

MINISTER OF STATE FOR SCIENCE & TECHNOLOGY (SHRI BACHI SINGH RAWAT)

(a) As per seismic zoning map of India published by Bureau of Indian Standards (BIS), the Koina Dam falls under zone IV. This zone is broadly associated with earthquakes of intensity up to VIII on the Modified Mercalli ScaleAt present, there is no scientific technique available anywhere in the world which can predict the earthquake with reasonable degree of accuracy in terms of time, space & magnitude. It is therefore not possible to forecast earthquake activity in Koyna-Warna region for the next 30-40 years.

(b) The Koina Dam, after the magnitude 6.3 earthquake of 1967, has been strengthened to withstand an earthquake of similar intensity.

(c) The area is continuously monitored and various scientific studies/investigators are taken up to understand the earthquake mechanism in the region.